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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

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10-11-2021

## 2021-10-11\_MichiganOverview\_COVIDstats

Michigan Department of Health & Human Services

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Coronavirus Symptoms

Cumulative Recovered

Outbreak Reporting

School-Related Outbreak Reporting

Wastewater Surveillance

Testing Turnaround Time

MIS-C Data and Reporting

Data and Modeling Updates

COVID case and testing data will be posted three times a week on Mondays, Wednesdays and Fridays.

Note on cases (10/11/2021): Today's daily case count represents new referrals of confirmed cases to the MDSS since the last web update report. Over the three days (Saturday, Sunday, and Monday), the average number of new confirmed cases is ~3046 per day.

Note on deaths (10/11/2021): Regular reviews of death certificate data maintained in Vital Records reporting systems are conducted by MDHHS staff three times per week. As a part of this process, records that identify COVID-19 infection as a contributing factor to death are compared against all laboratory confirmed cases of COVID-19 in the Michigan Disease Surveillance System (MDSS). If a death certificate is matched to a confirmed COVID-19 case and that record in the MDSS does not indicate the individual died, the MDSS record is updated to indicate the death and the appropriate local health department is notified. These matched deaths are then included with mortality information posted to the Michigan Coronavirus website. As a result of the most recent assessment, today's data includes **18** additional deaths identified by this methodology.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday, Wednesday & Friday. **Looking for COVID-19 Vaccine data? Click here.**

CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

Cases by County

34-1026

1027-3750

3751-13858

13859-139996

139997+

Michigan

Monday, October 11, 2021

Current Totals

Laboratory Testing

TestType	Tests Performed
Diagnostic	16,728,978
Serology	704,705
Total	17,433,683

Microsoft Power BI

< 1 of 7 >

https://www.michigan.gov/coronavirus/0,9753,7-406-98163\_98173---,00.html

1/2

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Confirmed Cases by Ethnicity	Percentage of Confirmed Deceased Cases by Ethnicity
Hispanic/Latino	5.21%	3.25%
Non-Hispanic/Latino	70.63%	88.37%
Unknown	24.15%	8.38%

Totals may not add to 100% due to rounding

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Confirmed Cases by Ethnicity	Percentage of Deceased Confirmed Cases by Ethnicity
Arab	2.68%	1.71%
Non-Arab	49.40%	53.74%
Unknown	47.93%	44.55%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 10/11/2021

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date of Onset of Symptoms and Date of Death

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County



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# Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 10/08/2021): 945,175

During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on October 8, 2021 represents COVID-19 confirmed individuals with an onset date on or prior to September 8, 2021. If an individual expires from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Monday.

Source: Michigan Disease Surveillance System and Vital Records

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All

Select County:

All

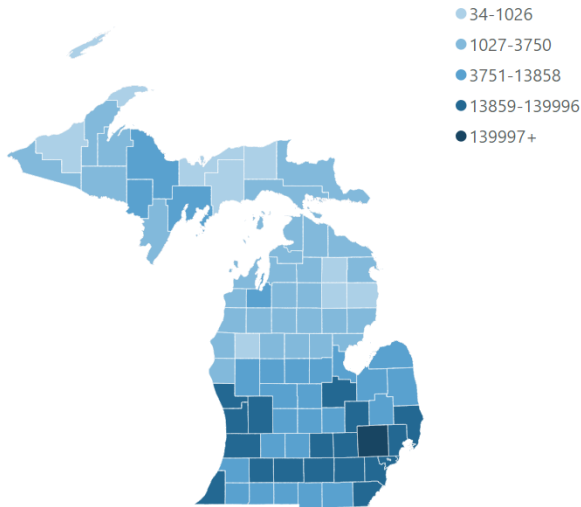
*This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.*

*Source: Michigan Disease Surveillance System (MDSS) and Vital Records.*

## COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

### Cases by County



## Michigan

Monday, October 11, 2021

### Michigan (Statewide) Case Fatality Rate

2.0%

### Current Totals

Case Status	Cases	Deaths
Confirmed	1,064,557	21,349
Probable	134,293	1,389
<b>Total</b>	<b>1,198,850</b>	<b>22,738</b>

### Laboratory Testing

TestType	Tests Performed
Diagnostic	16,728,978
Serology	704,705
<b>Total</b>	<b>17,433,683</b>

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All



Select County:

All



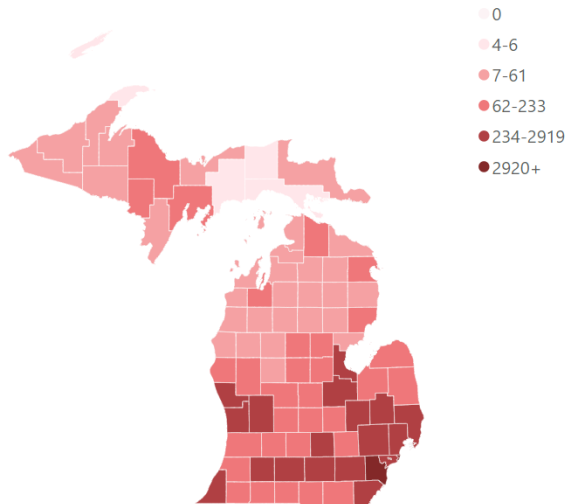
*This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.*

*Source: Michigan Disease Surveillance System (MDSS) and Vital Records.*

## COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID-19 indicated on their death certificate where there is no available evidence of a confirmatory test result (positive or negative).

### Deaths by County



## Michigan

Monday, October 11, 2021

### Michigan (Statewide) Case Fatality Rate

2.0%

### Current Totals

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<b>Total</b>	<b>17,433,683</b>

Cases

Deaths

View Table

Select Preparedness Region:

All



Select County:

All



Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Daily Cases by Status

The number of daily confirmed cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms.

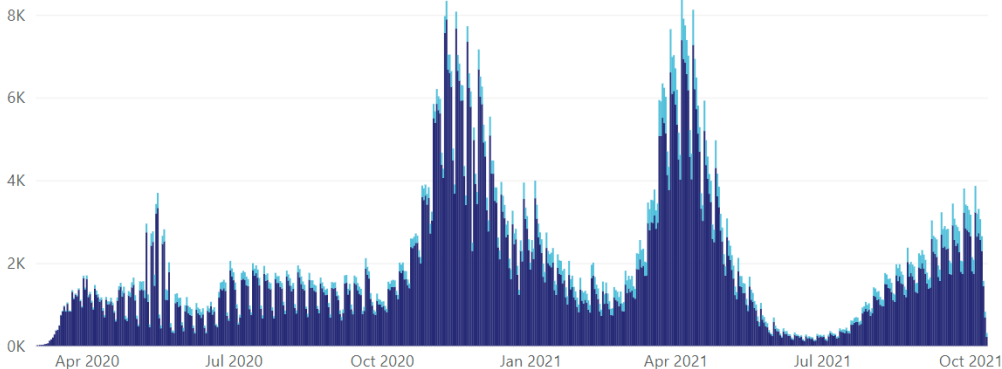
Filter by Date:

3/1/2020

10/11/2021

### Cases by Date of Onset

CASE\_STATUS ● Confirmed ● Probable



Cases

Deaths

View Table

Select Preparedness Region:

All



Select County:

All



Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Daily Deaths by Status

Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Data are shown by the date of death.

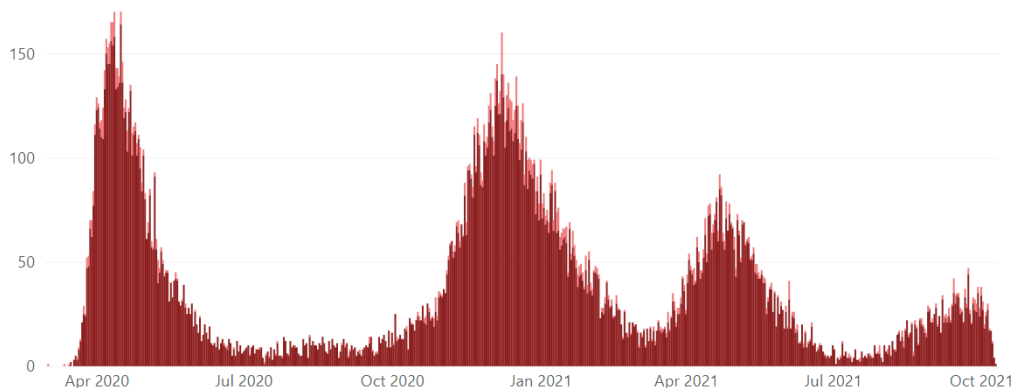
Filter by Date:

3/1/2020

10/11/2021

## Deaths by Date of Death

CASE\_STATUS ● Confirmed ● Probable



[STATUS](#)[DAILY CASES](#)[CUMULATIVE TRENDS](#)[DEMOGRAPHICS](#)[TOTAL TESTING](#)[CONFIRMATORY TESTING](#)[LEARN MORE](#)[View Table](#)[View Chart](#)

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Cumulative Confirmed Cases and Deaths among Confirmed Cases

Cumulative cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms. Cumulative Deaths represent the total number of people who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of onset and their manner of death is listed as natural. Deaths are shown by date of death.

Filter By Date:

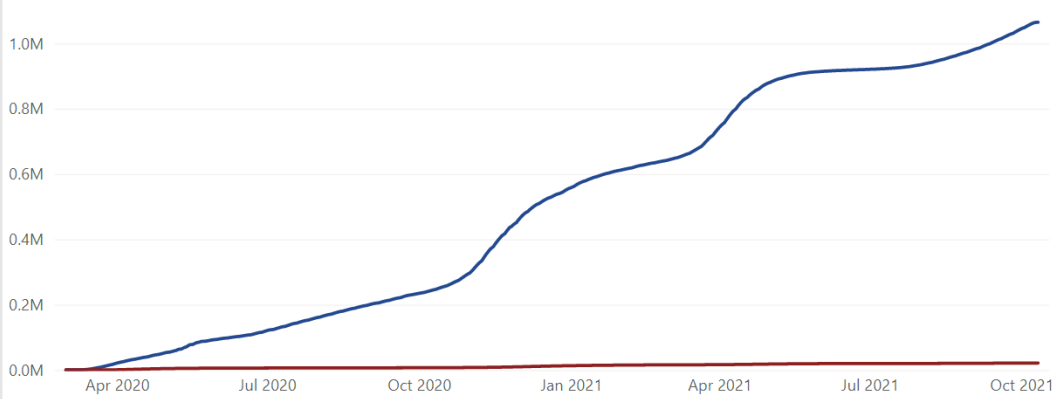
3/1/2020

10/11/2021

### Cumulative Confirmed Cases and Deaths among Confirmed Cases by Date

Cumulative Cases

Cumulative Deaths





## Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed  
☐ Probable

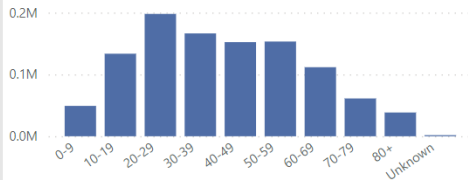
Select Preparedness Region:

All

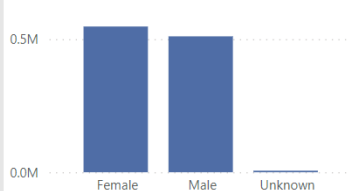
Select county:

All

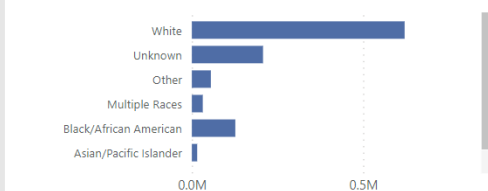
### Cases by Age Group



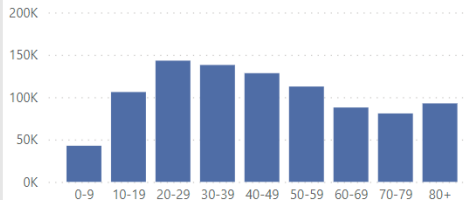
### Cases by Sex



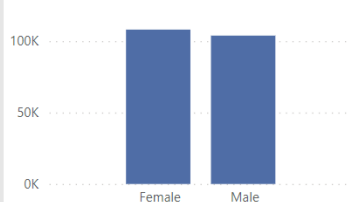
### Cases by Race



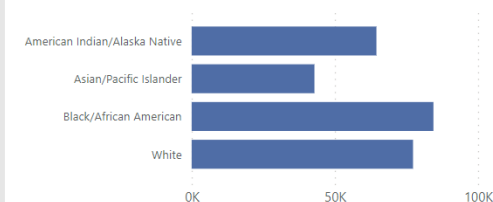
### Cases per Million by Age Group



### Cases per Million by Sex



### Cases per Million by Race



## Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☐ Confirmed  
☒ Probable

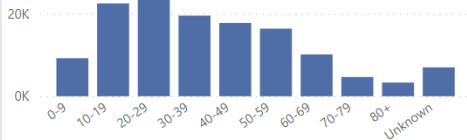
Select Preparedness Region:

All

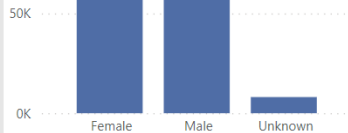
Select county:

All

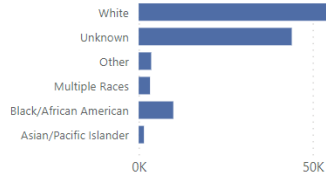
### Cases by Age Group



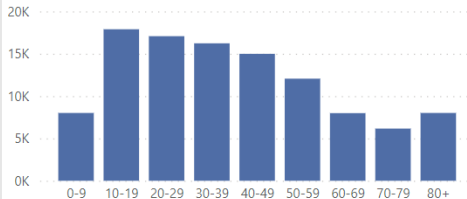
### Cases by Sex



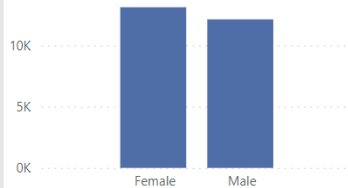
### Cases by Race



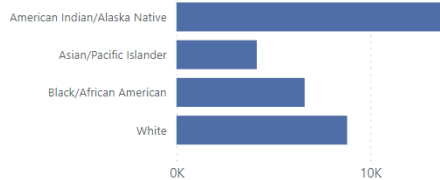
### Cases per Million by Age Group



### Cases per Million by Sex



### Cases per Million by Race



## Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed  
☐ Probable

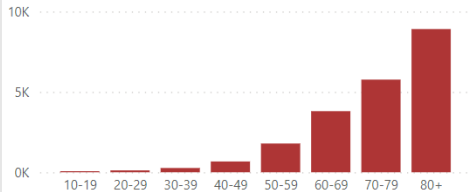
Select Preparedness Region:

All

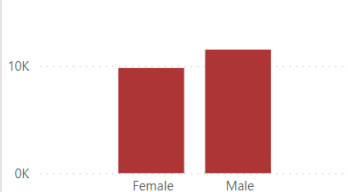
Select county:

All

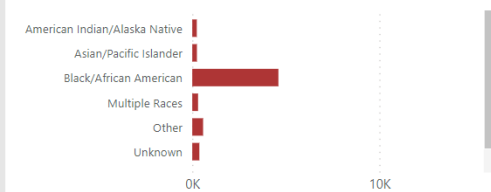
### Deaths by Age Group



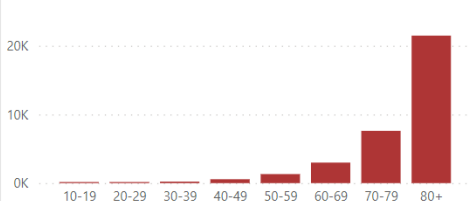
### Deaths by Sex



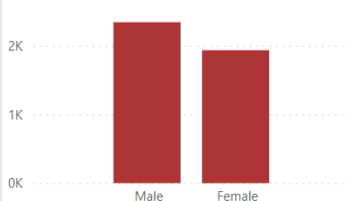
### Deaths by Race



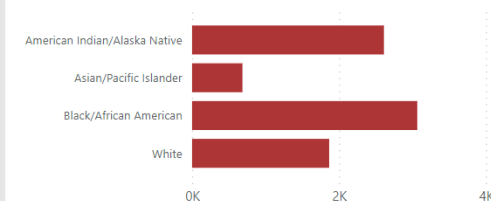
### Deaths per Million by Age Group



### Deaths per Million by Sex



### Deaths per Million by Race



## Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☐ Confirmed  
☒ Probable

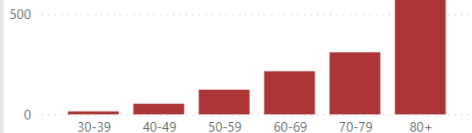
Select Preparedness Region:

All

Select county:

All

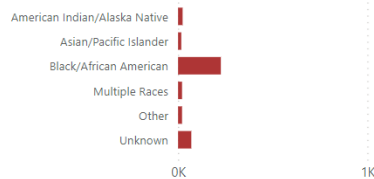
### Deaths by Age Group



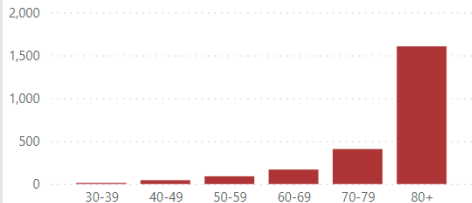
### Deaths by Sex



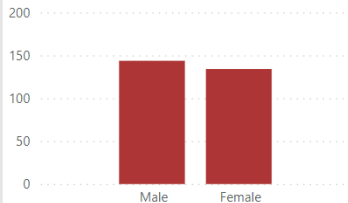
### Deaths by Race



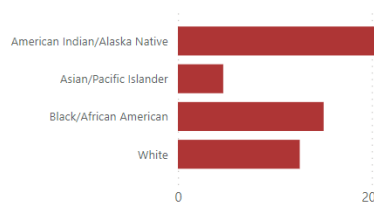
### Deaths per Million by Age Group



### Deaths per Million by Sex



### Deaths per Million by Race



[View Table](#)[View Charts](#)

Select Preparedness Region:

All

Select County:

All

Confirmatory tests are used to find current infection and look for genes from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

## Total Covid-19 Laboratory Tests

Total testing includes both confirmatory tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to COVID-19.

Filter by Date:

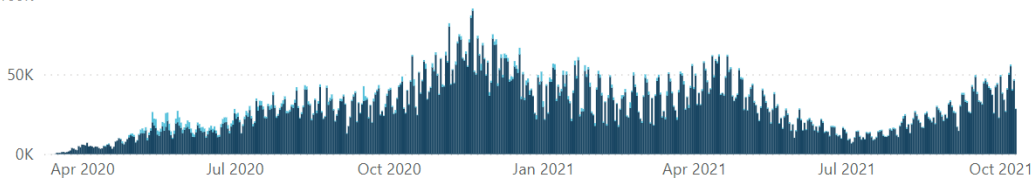
3/10/2020

10/10/2021

### Total Laboratory Tests by Type and Date

Test Type ● Diagnostic ● Serology

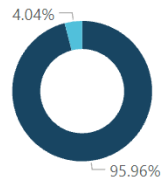
100K



### Total Tests Completed to Date

Test Type	Total Tests	Tests per Million Residents
Diagnostic	16,728,978	1,674,383
Serology	704,705	70,533
Total	17,433,683	1,744,916

### Percent of Tests Completed by Type



Test Type

● Diagnostic

● Serology



STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY  
TESTING

LEARN MORE

View Table

View Charts

Select Preparedness Region

All



Select County

All



Confirmatory tests are used to find current infection and look for genes from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) tests. Confirmatory tests do not include serology tests which look for antibodies to SARS-Cov-2 in the blood.

## Confirmatory Covid-19 Laboratory Tests

Confirmatory tests are used to determine if an individual is currently infected with COVID-19.

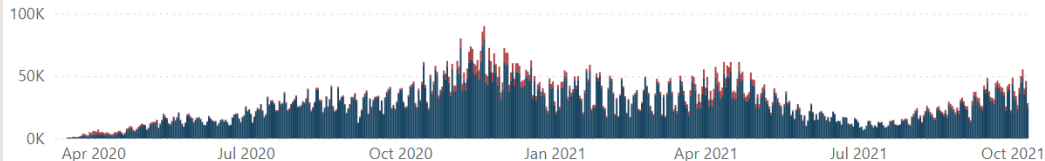
Filter by Date

3/10/2020

10/10/2021

### Total Laboratory Tests by Type and Date

Test Type ● Negative ● Positive



### Percent of Confirmatory Tests That Were Positive



### Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

### How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

### How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

### Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

### Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

### Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

# PUBLIC USE DATASETS

## Cases and Deaths by County

### README

Includes total cases and deaths to date by case status (confirmed or probable) and county. County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.



# **CASES AND DEATHS BY COUNTY 2021-10-11**

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2021/10/11 14:36:06	Alcona	783	34	215	5
2021/10/11 14:36:06	Alger	520	3	282	5
2021/10/11 14:36:06	Allegan	12412	155	1447	25
2021/10/11 14:36:06	Alpena	2221	66	664	3
2021/10/11 14:36:06	Antrim	1721	29	457	6
2021/10/11 14:36:06	Arenac	1450	32	141	0
2021/10/11 14:36:06	Baraga	882	43	146	2
2021/10/11 14:36:06	Barry	6578	72	744	6
2021/10/11 14:36:06	Bay	12908	361	929	15
2021/10/11 14:36:06	Benzie	1289	37	279	1
2021/10/11 14:36:06	Berrien	16566	301	2019	21
2021/10/11 14:36:06	Branch	5630	106	551	5
2021/10/11 14:36:06	Calhoun	15128	323	2671	18
2021/10/11 14:36:06	Cass	5919	81	886	6
2021/10/11 14:36:06	Charlevoix	1745	29	573	2
2021/10/11 14:36:06	Cheboygan	2005	59	623	3
2021/10/11 14:36:06	Chippewa	1451	35	2022	5
2021/10/11 14:36:06	Clare	2833	93	557	2
2021/10/11 14:36:06	Clinton	7056	96	2354	7
2021/10/11 14:36:06	Crawford	1090	16	112	0
2021/10/11 14:36:06	Delta	4472	83	964	19
2021/10/11 14:36:06	Dickinson	2927	62	825	16
2021/10/11 14:36:06	Eaton	10788	223	1706	10
2021/10/11 14:36:06	Emmet	2473	48	688	1
2021/10/11 14:36:06	Genesee	38788	974	10368	74
2021/10/11 14:36:06	Gladwin	2533	63	510	4
2021/10/11 14:36:06	Gogebic	1338	24	403	29
2021/10/11 14:36:06	Grand Traverse	7104	97	1253	16
2021/10/11 14:36:06	Gratiot	4098	120	1163	4
2021/10/11 14:36:06	Hillsdale	5271	111	533	3
2021/10/11 14:36:06	Houghton	3046	44	676	10
2021/10/11 14:36:06	Huron	3464	83	1120	6
2021/10/11 14:36:06	Ingham	26556	427	3067	10
2021/10/11 14:36:06	Ionia	8029	87	158	3
2021/10/11 14:36:06	Iosco	2452	82	273	6
2021/10/11 14:36:06	Iron	1226	44	111	10
2021/10/11 14:36:06	Isabella	7042	103	1277	6
2021/10/11 14:36:06	Jackson	17689	311	1692	9
2021/10/11 14:36:06	Kalamazoo	24918	392	3371	47
2021/10/11 14:36:06	Kalkaska	1497	33	134	0
2021/10/11 14:36:06	Kent	81971	877	6491	78
2021/10/11 14:36:06	Keweenaw	195	3	34	1
2021/10/11 14:36:06	Lake	808	17	80	2
2021/10/11 14:36:06	Lapeer	9189	230	1791	4
2021/10/11 14:36:06	Leelanau	1276	23	282	1
2021/10/11 14:36:06	Lenawee	10908	183	1240	5

2021/10/11 14:36:06	Livingston	18667	214	2865	14
2021/10/11 14:36:06	Luce	304	4	360	1
2021/10/11 14:36:06	Mackinac	768	7	390	0
2021/10/11 14:36:06	Macomb	106394	2481	9918	139
2021/10/11 14:36:06	Manistee	1432	28	169	4
2021/10/11 14:36:06	Marquette	5487	71	1179	1
2021/10/11 14:36:06	Mason	2731	43	161	1
2021/10/11 14:36:06	Mecosta	4081	40	225	1
2021/10/11 14:36:06	Menominee	2421	44	696	4
2021/10/11 14:36:06	Midland	8837	120	787	5
2021/10/11 14:36:06	Missaukee	1467	23	298	8
2021/10/11 14:36:06	Monroe	15645	268	3472	26
2021/10/11 14:36:06	Montcalm	7071	119	820	3
2021/10/11 14:36:06	Montmorency	664	23	171	1
2021/10/11 14:36:06	Muskegon	19327	390	782	13
2021/10/11 14:36:06	Newaygo	5765	75	423	3
2021/10/11 14:36:06	Oakland	121036	2464	18962	153
2021/10/11 14:36:06	Oceana	3304	62	189	5
2021/10/11 14:36:06	Ogemaw	2109	48	404	1
2021/10/11 14:36:06	Ontonagon	521	21	64	1
2021/10/11 14:36:06	Osceola	2369	34	353	0
2021/10/11 14:36:06	Oscoda	727	30	151	2
2021/10/11 14:36:06	Otsego	2398	43	597	6
2021/10/11 14:36:06	Ottawa	36205	428	3079	55
2021/10/11 14:36:06	Presque Isle	1022	35	259	1
2021/10/11 14:36:06	Roscommon	1921	59	354	2
2021/10/11 14:36:06	Saginaw	23968	636	1821	21
2021/10/11 14:36:06	Sanilac	4132	123	620	8
2021/10/11 14:36:06	Schoolcraft	545	4	178	1
2021/10/11 14:36:06	Shiawassee	6907	119	1197	3
2021/10/11 14:36:06	St Clair	17651	475	3667	23
2021/10/11 14:36:06	St Joseph	7038	108	887	7
2021/10/11 14:36:06	Tuscola	5914	173	1076	13
2021/10/11 14:36:06	Van Buren	8186	140	594	15
2021/10/11 14:36:06	Washtenaw	28637	312	3194	7
2021/10/11 14:36:06	Wayne	118708	2748	9630	173
2021/10/11 14:36:06	Wexford	2942	47	453	4
2021/10/11 14:36:06	MDOC	25980	150	1119	3
2021/10/11 14:36:06	FCI	316	5	5	0
2021/10/11 14:36:06	Out-of-State	2079	17	178	3
2021/10/11 14:36:06	Unknown	10	0	25	0
2021/10/11 14:36:06	Detroit City	58626	2403	4639	147

# PUBLIC USE DATASETS

## Cases by Demographics Statewide

### README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

# **CASES BY DEMOGRAPHICS STATEWIDE 2021-10-11**

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	220	0
Confirmed	10-19	American Indian/Alaska Native	Female	457	0
Confirmed	20-29	American Indian/Alaska Native	Female	621	0
Confirmed	30-39	American Indian/Alaska Native	Female	527	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Female	461	7
Confirmed	50-59	American Indian/Alaska Native	Female	420	14
Confirmed	60-69	American Indian/Alaska Native	Female	283	21
Confirmed	70-79	American Indian/Alaska Native	Female	141	31
Confirmed	80+	American Indian/Alaska Native	Female	79	34
Confirmed	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Confirmed	0-9	Asian/Pacific Islander	Female	370	0
Confirmed	10-19	Asian/Pacific Islander	Female	1008	0
Confirmed	20-29	Asian/Pacific Islander	Female	1706	0
Confirmed	30-39	Asian/Pacific Islander	Female	1506	6
Confirmed	40-49	Asian/Pacific Islander	Female	1283	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Female	1027	8
Confirmed	60-69	Asian/Pacific Islander	Female	524	16
Confirmed	70-79	Asian/Pacific Islander	Female	274	30
Confirmed	80+	Asian/Pacific Islander	Female	156	40
Confirmed	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Confirmed	0-9	Black/African American	Female	3386	Suppressed
Confirmed	10-19	Black/African American	Female	7056	Suppressed
Confirmed	20-29	Black/African American	Female	13659	22
Confirmed	30-39	Black/African American	Female	12251	42
Confirmed	40-49	Black/African American	Female	9509	94
Confirmed	50-59	Black/African American	Female	7948	245
Confirmed	60-69	Black/African American	Female	6089	493
Confirmed	70-79	Black/African American	Female	3365	588
Confirmed	80+	Black/African American	Female	2148	724
Confirmed	Unknown	Black/African American	Female	23	0
Confirmed	0-9	Multiple Races	Female	961	0
Confirmed	10-19	Multiple Races	Female	2648	Suppressed
Confirmed	20-29	Multiple Races	Female	3235	0
Confirmed	30-39	Multiple Races	Female	2373	0
Confirmed	40-49	Multiple Races	Female	2295	Suppressed
Confirmed	50-59	Multiple Races	Female	2320	10
Confirmed	60-69	Multiple Races	Female	1685	21
Confirmed	70-79	Multiple Races	Female	917	34
Confirmed	80+	Multiple Races	Female	578	69
Confirmed	Unknown	Multiple Races	Female	13	0
Confirmed	0-9	Other	Female	1811	Suppressed
Confirmed	10-19	Other	Female	3973	Suppressed
Confirmed	20-29	Other	Female	5826	Suppressed
Confirmed	30-39	Other	Female	4575	Suppressed
Confirmed	40-49	Other	Female	4118	12
Confirmed	50-59	Other	Female	3216	24
Confirmed	60-69	Other	Female	1989	53

Confirmed	70-79	Other	Female	985	55
Confirmed	80+	Other	Female	635	94
Confirmed	Unknown	Other	Female	17	0
Confirmed	0-9	Unknown	Female	3717	0
Confirmed	10-19	Unknown	Female	12174	0
Confirmed	20-29	Unknown	Female	20371	Suppressed
Confirmed	30-39	Unknown	Female	16997	Suppressed
Confirmed	40-49	Unknown	Female	16497	8
Confirmed	50-59	Unknown	Female	16598	11
Confirmed	60-69	Unknown	Female	9898	18
Confirmed	70-79	Unknown	Female	4420	39
Confirmed	80+	Unknown	Female	2764	91
Confirmed	Unknown	Unknown	Female	141	0
Confirmed	0-9	White	Female	13272	Suppressed
Confirmed	10-19	White	Female	41077	Suppressed
Confirmed	20-29	White	Female	58158	25
Confirmed	30-39	White	Female	47947	50
Confirmed	40-49	White	Female	44322	129
Confirmed	50-59	White	Female	45489	369
Confirmed	60-69	White	Female	35345	893
Confirmed	70-79	White	Female	21230	1607
Confirmed	80+	White	Female	16604	3756
Confirmed	Unknown	White	Female	143	0
Confirmed	0-9	American Indian/Alaska Native	Male	190	0
Confirmed	10-19	American Indian/Alaska Native	Male	453	0
Confirmed	20-29	American Indian/Alaska Native	Male	511	Suppressed
Confirmed	30-39	American Indian/Alaska Native	Male	432	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Male	385	Suppressed
Confirmed	50-59	American Indian/Alaska Native	Male	326	12
Confirmed	60-69	American Indian/Alaska Native	Male	269	53
Confirmed	70-79	American Indian/Alaska Native	Male	130	36
Confirmed	80+	American Indian/Alaska Native	Male	55	23
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	434	0
Confirmed	10-19	Asian/Pacific Islander	Male	997	0
Confirmed	20-29	Asian/Pacific Islander	Male	1885	Suppressed
Confirmed	30-39	Asian/Pacific Islander	Male	1415	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Male	1105	7
Confirmed	50-59	Asian/Pacific Islander	Male	931	10
Confirmed	60-69	Asian/Pacific Islander	Male	551	33
Confirmed	70-79	Asian/Pacific Islander	Male	251	51
Confirmed	80+	Asian/Pacific Islander	Male	125	39
Confirmed	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Confirmed	0-9	Black/African American	Male	3513	0
Confirmed	10-19	Black/African American	Male	6336	Suppressed
Confirmed	20-29	Black/African American	Male	11858	26
Confirmed	30-39	Black/African American	Male	11245	61
Confirmed	40-49	Black/African American	Male	9403	148
Confirmed	50-59	Black/African American	Male	8430	353
Confirmed	60-69	Black/African American	Male	5933	603

Confirmed	70-79	Black/African American	Male	2948	711
Confirmed	80+	Black/African American	Male	1217	485
Confirmed	Unknown	Black/African American	Male	11	0
Confirmed	0-9	Multiple Races	Male	1067	Suppressed
Confirmed	10-19	Multiple Races	Male	2549	Suppressed
Confirmed	20-29	Multiple Races	Male	2722	Suppressed
Confirmed	30-39	Multiple Races	Male	1925	Suppressed
Confirmed	40-49	Multiple Races	Male	1859	8
Confirmed	50-59	Multiple Races	Male	1840	13
Confirmed	60-69	Multiple Races	Male	1549	42
Confirmed	70-79	Multiple Races	Male	832	43
Confirmed	80+	Multiple Races	Male	351	59
Confirmed	Unknown	Multiple Races	Male	10	0
Confirmed	0-9	Other	Male	1872	Suppressed
Confirmed	10-19	Other	Male	3982	Suppressed
Confirmed	20-29	Other	Male	5871	Suppressed
Confirmed	30-39	Other	Male	4733	7
Confirmed	40-49	Other	Male	4383	27
Confirmed	50-59	Other	Male	3592	42
Confirmed	60-69	Other	Male	2126	88
Confirmed	70-79	Other	Male	927	83
Confirmed	80+	Other	Male	394	81
Confirmed	Unknown	Other	Male	16	0
Confirmed	0-9	Unknown	Male	3911	0
Confirmed	10-19	Unknown	Male	11486	Suppressed
Confirmed	20-29	Unknown	Male	20828	Suppressed
Confirmed	30-39	Unknown	Male	17542	10
Confirmed	40-49	Unknown	Male	15782	13
Confirmed	50-59	Unknown	Male	16357	25
Confirmed	60-69	Unknown	Male	9601	39
Confirmed	70-79	Unknown	Male	3654	37
Confirmed	80+	Unknown	Male	1627	79
Confirmed	Unknown	Unknown	Male	177	0
Confirmed	0-9	White	Male	14186	0
Confirmed	10-19	White	Male	38602	Suppressed
Confirmed	20-29	White	Male	49428	36
Confirmed	30-39	White	Male	41928	73
Confirmed	40-49	White	Male	39906	204
Confirmed	50-59	White	Male	43934	653
Confirmed	60-69	White	Male	35369	1428
Confirmed	70-79	White	Male	20893	2417
Confirmed	80+	White	Male	11597	3336
Confirmed	Unknown	White	Male	113	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	0	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	9	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	12	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	8	0
Confirmed	10-19	Black/African American	Unknown	26	0
Confirmed	20-29	Black/African American	Unknown	126	0
Confirmed	30-39	Black/African American	Unknown	116	0
Confirmed	40-49	Black/African American	Unknown	122	0
Confirmed	50-59	Black/African American	Unknown	97	Suppressed
Confirmed	60-69	Black/African American	Unknown	45	0
Confirmed	70-79	Black/African American	Unknown	11	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	Suppressed	0
Confirmed	0-9	Multiple Races	Unknown	12	0
Confirmed	10-19	Multiple Races	Unknown	24	0
Confirmed	20-29	Multiple Races	Unknown	28	0
Confirmed	30-39	Multiple Races	Unknown	20	0
Confirmed	40-49	Multiple Races	Unknown	21	0
Confirmed	50-59	Multiple Races	Unknown	11	0
Confirmed	60-69	Multiple Races	Unknown	15	0
Confirmed	70-79	Multiple Races	Unknown	6	0
Confirmed	80+	Multiple Races	Unknown	0	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	30	0
Confirmed	10-19	Other	Unknown	54	0
Confirmed	20-29	Other	Unknown	83	0
Confirmed	30-39	Other	Unknown	76	0
Confirmed	40-49	Other	Unknown	95	0
Confirmed	50-59	Other	Unknown	54	0
Confirmed	60-69	Other	Unknown	32	0
Confirmed	70-79	Other	Unknown	8	0
Confirmed	80+	Other	Unknown	12	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	141	0
Confirmed	10-19	Unknown	Unknown	413	0
Confirmed	20-29	Unknown	Unknown	696	0
Confirmed	30-39	Unknown	Unknown	519	0
Confirmed	40-49	Unknown	Unknown	499	0
Confirmed	50-59	Unknown	Unknown	448	0
Confirmed	60-69	Unknown	Unknown	245	0

Confirmed	70-79	Unknown	Unknown	108	Suppressed
Confirmed	80+	Unknown	Unknown	62	0
Confirmed	Unknown	Unknown	Unknown	69	0
Confirmed	0-9	White	Unknown	41	0
Confirmed	10-19	White	Unknown	200	0
Confirmed	20-29	White	Unknown	284	0
Confirmed	30-39	White	Unknown	251	0
Confirmed	40-49	White	Unknown	236	0
Confirmed	50-59	White	Unknown	200	0
Confirmed	60-69	White	Unknown	154	Suppressed
Confirmed	70-79	White	Unknown	65	Suppressed
Confirmed	80+	White	Unknown	28	0
Confirmed	Unknown	White	Unknown	Suppressed	0
Probable	0-9	American Indian/Alaska Native	Female	72	0
Probable	10-19	American Indian/Alaska Native	Female	136	0
Probable	20-29	American Indian/Alaska Native	Female	115	0
Probable	30-39	American Indian/Alaska Native	Female	105	0
Probable	40-49	American Indian/Alaska Native	Female	93	0
Probable	50-59	American Indian/Alaska Native	Female	59	0
Probable	60-69	American Indian/Alaska Native	Female	41	Suppressed
Probable	70-79	American Indian/Alaska Native	Female	21	Suppressed
Probable	80+	American Indian/Alaska Native	Female	9	6
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	53	0
Probable	10-19	Asian/Pacific Islander	Female	111	0
Probable	20-29	Asian/Pacific Islander	Female	172	0
Probable	30-39	Asian/Pacific Islander	Female	132	0
Probable	40-49	Asian/Pacific Islander	Female	113	0
Probable	50-59	Asian/Pacific Islander	Female	86	0
Probable	60-69	Asian/Pacific Islander	Female	47	Suppressed
Probable	70-79	Asian/Pacific Islander	Female	22	Suppressed
Probable	80+	Asian/Pacific Islander	Female	8	0
Probable	Unknown	Asian/Pacific Islander	Female	7	0
Probable	0-9	Black/African American	Female	338	0
Probable	10-19	Black/African American	Female	772	0
Probable	20-29	Black/African American	Female	1248	Suppressed
Probable	30-39	Black/African American	Female	1043	0
Probable	40-49	Black/African American	Female	773	6
Probable	50-59	Black/African American	Female	584	14
Probable	60-69	Black/African American	Female	375	23
Probable	70-79	Black/African American	Female	143	19
Probable	80+	Black/African American	Female	90	38
Probable	Unknown	Black/African American	Female	32	Suppressed
Probable	0-9	Multiple Races	Female	184	0
Probable	10-19	Multiple Races	Female	374	0
Probable	20-29	Multiple Races	Female	288	0
Probable	30-39	Multiple Races	Female	202	0
Probable	40-49	Multiple Races	Female	187	0
Probable	50-59	Multiple Races	Female	177	Suppressed
Probable	60-69	Multiple Races	Female	126	Suppressed



Probable	70-79	Multiple Races	Female	50	Suppressed
Probable	80+	Multiple Races	Female	34	7
Probable	Unknown	Multiple Races	Female	70	0
Probable	0-9	Other	Female	115	0
Probable	10-19	Other	Female	287	0
Probable	20-29	Other	Female	365	0
Probable	30-39	Other	Female	280	0
Probable	40-49	Other	Female	237	0
Probable	50-59	Other	Female	191	Suppressed
Probable	60-69	Other	Female	84	Suppressed
Probable	70-79	Other	Female	38	0
Probable	80+	Other	Female	16	Suppressed
Probable	Unknown	Other	Female	19	0
Probable	0-9	Unknown	Female	1014	0
Probable	10-19	Unknown	Female	2764	0
Probable	20-29	Unknown	Female	3429	0
Probable	30-39	Unknown	Female	2713	0
Probable	40-49	Unknown	Female	2606	0
Probable	50-59	Unknown	Female	2357	Suppressed
Probable	60-69	Unknown	Female	1486	Suppressed
Probable	70-79	Unknown	Female	598	Suppressed
Probable	80+	Unknown	Female	355	23
Probable	Unknown	Unknown	Female	1844	0
Probable	0-9	White	Female	2537	0
Probable	10-19	White	Female	6377	0
Probable	20-29	White	Female	6383	Suppressed
Probable	30-39	White	Female	5503	Suppressed
Probable	40-49	White	Female	5086	10
Probable	50-59	White	Female	4739	39
Probable	60-69	White	Female	3012	44
Probable	70-79	White	Female	1559	93
Probable	80+	White	Female	1567	324
Probable	Unknown	White	Female	473	Suppressed
Probable	0-9	American Indian/Alaska Native	Male	86	0
Probable	10-19	American Indian/Alaska Native	Male	149	0
Probable	20-29	American Indian/Alaska Native	Male	118	0
Probable	30-39	American Indian/Alaska Native	Male	81	0
Probable	40-49	American Indian/Alaska Native	Male	70	Suppressed
Probable	50-59	American Indian/Alaska Native	Male	60	Suppressed
Probable	60-69	American Indian/Alaska Native	Male	26	Suppressed
Probable	70-79	American Indian/Alaska Native	Male	11	Suppressed
Probable	80+	American Indian/Alaska Native	Male	7	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	66	0
Probable	10-19	Asian/Pacific Islander	Male	124	0
Probable	20-29	Asian/Pacific Islander	Male	191	0
Probable	30-39	Asian/Pacific Islander	Male	138	Suppressed
Probable	40-49	Asian/Pacific Islander	Male	98	0
Probable	50-59	Asian/Pacific Islander	Male	68	Suppressed
Probable	60-69	Asian/Pacific Islander	Male	28	Suppressed

Probable	70-79	Asian/Pacific Islander	Male	9	Suppressed
Probable	80+	Asian/Pacific Islander	Male	9	Suppressed
Probable	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Probable	0-9	Black/African American	Male	353	0
Probable	10-19	Black/African American	Male	721	0
Probable	20-29	Black/African American	Male	936	Suppressed
Probable	30-39	Black/African American	Male	825	Suppressed
Probable	40-49	Black/African American	Male	628	11
Probable	50-59	Black/African American	Male	527	18
Probable	60-69	Black/African American	Male	300	32
Probable	70-79	Black/African American	Male	115	36
Probable	80+	Black/African American	Male	45	25
Probable	Unknown	Black/African American	Male	28	0
Probable	0-9	Multiple Races	Male	175	0
Probable	10-19	Multiple Races	Male	373	0
Probable	20-29	Multiple Races	Male	210	0
Probable	30-39	Multiple Races	Male	174	0
Probable	40-49	Multiple Races	Male	157	Suppressed
Probable	50-59	Multiple Races	Male	125	0
Probable	60-69	Multiple Races	Male	97	Suppressed
Probable	70-79	Multiple Races	Male	42	Suppressed
Probable	80+	Multiple Races	Male	19	7
Probable	Unknown	Multiple Races	Male	60	0
Probable	0-9	Other	Male	125	0
Probable	10-19	Other	Male	320	0
Probable	20-29	Other	Male	370	0
Probable	30-39	Other	Male	298	0
Probable	40-49	Other	Male	246	Suppressed
Probable	50-59	Other	Male	161	Suppressed
Probable	60-69	Other	Male	94	Suppressed
Probable	70-79	Other	Male	39	Suppressed
Probable	80+	Other	Male	10	Suppressed
Probable	Unknown	Other	Male	20	0
Probable	0-9	Unknown	Male	1037	0
Probable	10-19	Unknown	Male	2807	0
Probable	20-29	Unknown	Male	3278	0
Probable	30-39	Unknown	Male	2660	Suppressed
Probable	40-49	Unknown	Male	2345	Suppressed
Probable	50-59	Unknown	Male	2292	Suppressed
Probable	60-69	Unknown	Male	1275	6
Probable	70-79	Unknown	Male	466	10
Probable	80+	Unknown	Male	212	15
Probable	Unknown	Unknown	Male	1605	0
Probable	0-9	White	Male	2666	0
Probable	10-19	White	Male	6260	Suppressed
Probable	20-29	White	Male	5429	Suppressed
Probable	30-39	White	Male	4503	9
Probable	40-49	White	Male	4253	18
Probable	50-59	White	Male	4253	35
Probable	60-69	White	Male	2748	85

Probable	70-79	White	Male	1363	135
Probable	80+	White	Male	874	210
Probable	Unknown	White	Male	406	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	20-29	Asian/Pacific Islander	Unknown	6	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	0-9	Black/African American	Unknown	10	0
Probable	10-19	Black/African American	Unknown	15	0
Probable	20-29	Black/African American	Unknown	11	0
Probable	30-39	Black/African American	Unknown	Suppressed	0
Probable	40-49	Black/African American	Unknown	8	0
Probable	50-59	Black/African American	Unknown	6	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	Suppressed	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	7	0
Probable	0-9	Multiple Races	Unknown	11	0
Probable	10-19	Multiple Races	Unknown	32	0
Probable	20-29	Multiple Races	Unknown	21	0
Probable	30-39	Multiple Races	Unknown	21	0
Probable	40-49	Multiple Races	Unknown	17	0
Probable	50-59	Multiple Races	Unknown	11	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	Suppressed	0
Probable	80+	Multiple Races	Unknown	Suppressed	0
Probable	Unknown	Multiple Races	Unknown	20	0
Probable	0-9	Other	Unknown	17	0
Probable	10-19	Other	Unknown	45	0
Probable	20-29	Other	Unknown	47	0
Probable	30-39	Other	Unknown	51	0
Probable	40-49	Other	Unknown	38	0
Probable	50-59	Other	Unknown	26	0
Probable	60-69	Other	Unknown	24	0

Probable	70-79	Other	Unknown	10	0
Probable	80+	Other	Unknown	Suppressed	0
Probable	Unknown	Other	Unknown	15	0
Probable	0-9	Unknown	Unknown	301	0
Probable	10-19	Unknown	Unknown	680	0
Probable	20-29	Unknown	Unknown	894	0
Probable	30-39	Unknown	Unknown	741	0
Probable	40-49	Unknown	Unknown	737	0
Probable	50-59	Unknown	Unknown	605	0
Probable	60-69	Unknown	Unknown	348	0
Probable	70-79	Unknown	Unknown	145	0
Probable	80+	Unknown	Unknown	53	0
Probable	Unknown	Unknown	Unknown	2336	0
Probable	0-9	White	Unknown	68	0
Probable	10-19	White	Unknown	174	0
Probable	20-29	White	Unknown	98	Suppressed
Probable	30-39	White	Unknown	90	0
Probable	40-49	White	Unknown	92	0
Probable	50-59	White	Unknown	81	0
Probable	60-69	White	Unknown	41	0
Probable	70-79	White	Unknown	32	0
Probable	80+	White	Unknown	11	Suppressed
Probable	Unknown	White	Unknown	61	0

# PUBLIC USE DATASETS

## COVID-19 Tests by County

### README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

# COVID-19 TESTS BY COUNTY 2021-10-11

Updated	COUNTY	TestType	Count	RatePerMillion
2021/10/11 14:36:27	Alcona	Serology	214	20567
2021/10/11 14:36:27	Alcona	Diagnostic	10027	963671
2021/10/11 14:36:27	Alcona	Total	10241	984238
2021/10/11 14:36:27	Alger	Diagnostic	9691	1064010
2021/10/11 14:36:27	Alger	Serology	435	47760
2021/10/11 14:36:27	Alger	Total	10126	1111770
2021/10/11 14:36:27	Allegan	Diagnostic	145266	1230223
2021/10/11 14:36:27	Allegan	Serology	3557	30123
2021/10/11 14:36:27	Allegan	Total	148823	1260347
2021/10/11 14:36:27	Alpena	Diagnostic	29905	1052808
2021/10/11 14:36:27	Alpena	Serology	872	30699
2021/10/11 14:36:27	Alpena	Total	30777	1083506
2021/10/11 14:36:27	Antrim	Diagnostic	27438	1176385
2021/10/11 14:36:27	Antrim	Serology	917	39316
2021/10/11 14:36:27	Antrim	Total	28355	1215701
2021/10/11 14:36:27	Arenac	Diagnostic	22049	1481489
2021/10/11 14:36:27	Arenac	Serology	571	38366
2021/10/11 14:36:27	Arenac	Total	22620	1519855
2021/10/11 14:36:27	Baraga	Diagnostic	10346	1260324
2021/10/11 14:36:27	Baraga	Serology	65	7918
2021/10/11 14:36:27	Baraga	Total	10411	1268242
2021/10/11 14:36:27	Barry	Serology	2357	38294
2021/10/11 14:36:27	Barry	Diagnostic	73157	1188578
2021/10/11 14:36:27	Barry	Total	75514	1226872
2021/10/11 14:36:27	Bay	Serology	7769	75335
2021/10/11 14:36:27	Bay	Diagnostic	155474	1507612
2021/10/11 14:36:27	Bay	Total	163243	1582947
2021/10/11 14:36:27	Benzie	Diagnostic	16147	908871
2021/10/11 14:36:27	Benzie	Serology	829	46662
2021/10/11 14:36:27	Benzie	Total	16976	955533
2021/10/11 14:36:27	Berrien	Serology	7323	47738
2021/10/11 14:36:27	Berrien	Diagnostic	284986	1857784
2021/10/11 14:36:27	Berrien	Total	292309	1905522
2021/10/11 14:36:27	Branch	Diagnostic	55493	1275203
2021/10/11 14:36:27	Branch	Serology	757	17396
2021/10/11 14:36:27	Branch	Total	56250	1292598
2021/10/11 14:36:27	Calhoun	Diagnostic	244862	1825163
2021/10/11 14:36:27	Calhoun	Serology	2119	15795
2021/10/11 14:36:27	Calhoun	Total	246981	1840957
2021/10/11 14:36:27	Cass	Diagnostic	49664	959005
2021/10/11 14:36:27	Cass	Serology	945	18248
2021/10/11 14:36:27	Cass	Total	50609	977253
2021/10/11 14:36:27	Charlevoix	Serology	1234	47202
2021/10/11 14:36:27	Charlevoix	Diagnostic	28470	1089010
2021/10/11 14:36:27	Charlevoix	Total	29704	1136212
2021/10/11 14:36:27	Cheboygan	Diagnostic	21864	865010
2021/10/11 14:36:27	Cheboygan	Serology	718	28406

2021/10/11 14:36:27	Cheboygan	Total	22582	893417
2021/10/11 14:36:27	Chippewa	Diagnostic	37389	1001071
2021/10/11 14:36:27	Chippewa	Serology	461	12343
2021/10/11 14:36:27	Chippewa	Total	37850	1013414
2021/10/11 14:36:27	Clare	Serology	1285	41519
2021/10/11 14:36:27	Clare	Diagnostic	32809	1060065
2021/10/11 14:36:27	Clare	Total	34094	1101583
2021/10/11 14:36:27	Clinton	Serology	4873	61222
2021/10/11 14:36:27	Clinton	Diagnostic	71873	902984
2021/10/11 14:36:27	Clinton	Total	76746	964206
2021/10/11 14:36:27	Correctional	Diagnostic	1040191	
2021/10/11 14:36:27	Correctional	Serology	30231	
2021/10/11 14:36:27	Correctional	Total	1070422	
2021/10/11 14:36:27	Crawford	Diagnostic	13740	979400
2021/10/11 14:36:27	Crawford	Serology	411	29296
2021/10/11 14:36:27	Crawford	Total	14151	1008696
2021/10/11 14:36:27	Delta	Serology	1047	29259
2021/10/11 14:36:27	Delta	Diagnostic	52282	1461044
2021/10/11 14:36:27	Delta	Total	53329	1490303
2021/10/11 14:36:27	Detroit City	Diagnostic	1069775	1646304
2021/10/11 14:36:27	Detroit City	Serology	32073	49358
2021/10/11 14:36:27	Detroit City	Total	1101848	1695662
2021/10/11 14:36:27	Dickinson	Diagnostic	24841	984231
2021/10/11 14:36:27	Dickinson	Serology	209	8281
2021/10/11 14:36:27	Dickinson	Total	25050	992512
2021/10/11 14:36:27	Eaton	Diagnostic	158916	1441180
2021/10/11 14:36:27	Eaton	Serology	7257	65812
2021/10/11 14:36:27	Eaton	Total	166173	1506992
2021/10/11 14:36:27	Emmet	Diagnostic	39076	1169415
2021/10/11 14:36:27	Emmet	Serology	1785	53419
2021/10/11 14:36:27	Emmet	Total	40861	1222834
2021/10/11 14:36:27	Genesee	Serology	23830	58722
2021/10/11 14:36:27	Genesee	Diagnostic	494432	1218374
2021/10/11 14:36:27	Genesee	Total	518262	1277096
2021/10/11 14:36:27	Gladwin	Diagnostic	27912	1096782
2021/10/11 14:36:27	Gladwin	Serology	1320	51868
2021/10/11 14:36:27	Gladwin	Total	29232	1148650
2021/10/11 14:36:27	Gogebic	Diagnostic	22945	1641860
2021/10/11 14:36:27	Gogebic	Serology	263	18819
2021/10/11 14:36:27	Gogebic	Total	23208	1660680
2021/10/11 14:36:27	Grand Traverse	Serology	7267	78066
2021/10/11 14:36:27	Grand Traverse	Diagnostic	111965	1202787
2021/10/11 14:36:27	Grand Traverse	Total	119232	1280853
2021/10/11 14:36:27	Gratiot	Serology	1338	32866
2021/10/11 14:36:27	Gratiot	Diagnostic	70428	1729950
2021/10/11 14:36:27	Gratiot	Total	71766	1762816
2021/10/11 14:36:27	Hillsdale	Serology	1319	28922
2021/10/11 14:36:27	Hillsdale	Diagnostic	56972	1249249
2021/10/11 14:36:27	Hillsdale	Total	58291	1278171
2021/10/11 14:36:27	Houghton	Diagnostic	56777	1591105

2021/10/11 14:36:27	Houghton	Serology	300	8407
2021/10/11 14:36:27	Houghton	Total	57077	1599512
2021/10/11 14:36:27	Huron	Diagnostic	35165	1135051
2021/10/11 14:36:27	Huron	Serology	1110	35828
2021/10/11 14:36:27	Huron	Total	36275	1170879
2021/10/11 14:36:27	Ingham	Diagnostic	428219	1464467
2021/10/11 14:36:27	Ingham	Serology	22179	75850
2021/10/11 14:36:27	Ingham	Total	450398	1540317
2021/10/11 14:36:27	Ionia	Serology	2790	43124
2021/10/11 14:36:27	Ionia	Diagnostic	96362	1489435
2021/10/11 14:36:27	Ionia	Total	99152	1532559
2021/10/11 14:36:27	Iosco	Diagnostic	34897	1388825
2021/10/11 14:36:27	Iosco	Serology	740	29450
2021/10/11 14:36:27	Iosco	Total	35637	1418275
2021/10/11 14:36:27	Iron	Diagnostic	28059	2535605
2021/10/11 14:36:27	Iron	Serology	138	12471
2021/10/11 14:36:27	Iron	Total	28197	2548075
2021/10/11 14:36:27	Isabella	Diagnostic	80776	1156057
2021/10/11 14:36:27	Isabella	Serology	1755	25117
2021/10/11 14:36:27	Isabella	Total	82531	1181174
2021/10/11 14:36:27	Jackson	Serology	4921	31045
2021/10/11 14:36:27	Jackson	Diagnostic	275341	1737058
2021/10/11 14:36:27	Jackson	Total	280262	1768103
2021/10/11 14:36:27	Kalamazoo	Diagnostic	388096	1464149
2021/10/11 14:36:27	Kalamazoo	Serology	7595	28653
2021/10/11 14:36:27	Kalamazoo	Total	395691	1492802
2021/10/11 14:36:27	Kalkaska	Diagnostic	22151	1228019
2021/10/11 14:36:27	Kalkaska	Serology	903	50061
2021/10/11 14:36:27	Kalkaska	Total	23054	1278080
2021/10/11 14:36:27	Kent	Serology	52239	79517
2021/10/11 14:36:27	Kent	Diagnostic	1144673	1742392
2021/10/11 14:36:27	Kent	Total	1196912	1821909
2021/10/11 14:36:27	Keweenaw	Diagnostic	2847	1345463
2021/10/11 14:36:27	Keweenaw	Serology	38	17958
2021/10/11 14:36:27	Keweenaw	Total	2885	1363422
2021/10/11 14:36:27	Lake	Diagnostic	13818	1165781
2021/10/11 14:36:27	Lake	Serology	270	22779
2021/10/11 14:36:27	Lake	Total	14088	1188560
2021/10/11 14:36:27	Lapeer	Serology	4599	52496
2021/10/11 14:36:27	Lapeer	Diagnostic	86138	983232
2021/10/11 14:36:27	Lapeer	Total	90737	1035728
2021/10/11 14:36:27	Leelanau	Serology	1205	55374
2021/10/11 14:36:27	Leelanau	Diagnostic	16115	740545
2021/10/11 14:36:27	Leelanau	Total	17320	795919
2021/10/11 14:36:27	Lenawee	Diagnostic	161105	1636398
2021/10/11 14:36:27	Lenawee	Serology	2883	29284
2021/10/11 14:36:27	Lenawee	Total	163988	1665681
2021/10/11 14:36:27	Livingston	Serology	9927	51704
2021/10/11 14:36:27	Livingston	Diagnostic	264325	1376729
2021/10/11 14:36:27	Livingston	Total	274252	1428433



2021/10/11 14:36:27	Luce	Diagnostic	7734	1241612
2021/10/11 14:36:27	Luce	Serology	39	6261
2021/10/11 14:36:27	Luce	Total	7773	1247873
2021/10/11 14:36:27	Mackinac	Diagnostic	11985	1109825
2021/10/11 14:36:27	Mackinac	Serology	187	17316
2021/10/11 14:36:27	Mackinac	Total	12172	1127141
2021/10/11 14:36:27	Macomb	Diagnostic	1182044	1352496
2021/10/11 14:36:27	Macomb	Serology	76704	87765
2021/10/11 14:36:27	Macomb	Total	1258748	1440261
2021/10/11 14:36:27	Manistee	Diagnostic	24908	1014252
2021/10/11 14:36:27	Manistee	Serology	1066	43407
2021/10/11 14:36:27	Manistee	Total	25974	1057659
2021/10/11 14:36:27	Marquette	Serology	1615	24213
2021/10/11 14:36:27	Marquette	Diagnostic	152144	2281054
2021/10/11 14:36:27	Marquette	Total	153759	2305267
2021/10/11 14:36:27	Mason	Diagnostic	42694	1464933
2021/10/11 14:36:27	Mason	Serology	1232	42273
2021/10/11 14:36:27	Mason	Total	43926	1507206
2021/10/11 14:36:27	Mecosta	Serology	1232	28352
2021/10/11 14:36:27	Mecosta	Diagnostic	50210	1155501
2021/10/11 14:36:27	Mecosta	Total	51442	1183854
2021/10/11 14:36:27	Menominee	Diagnostic	31411	1378885
2021/10/11 14:36:27	Menominee	Serology	213	9350
2021/10/11 14:36:27	Menominee	Total	31624	1388235
2021/10/11 14:36:27	Midland	Diagnostic	90450	1087715
2021/10/11 14:36:27	Midland	Serology	8078	97143
2021/10/11 14:36:27	Midland	Total	98528	1184857
2021/10/11 14:36:27	Missaukee	Diagnostic	13963	923601
2021/10/11 14:36:27	Missaukee	Serology	742	49081
2021/10/11 14:36:27	Missaukee	Total	14705	972682
2021/10/11 14:36:27	Monroe	Serology	7269	48299
2021/10/11 14:36:27	Monroe	Diagnostic	196500	1305648
2021/10/11 14:36:27	Monroe	Total	203769	1353947
2021/10/11 14:36:27	Montcalm	Diagnostic	97950	1533152
2021/10/11 14:36:27	Montcalm	Serology	2897	45345
2021/10/11 14:36:27	Montcalm	Total	100847	1578497
2021/10/11 14:36:27	Montmorency	Diagnostic	11136	1193825
2021/10/11 14:36:27	Montmorency	Serology	469	50279
2021/10/11 14:36:27	Montmorency	Total	11605	1244104
2021/10/11 14:36:27	Muskegon	Serology	4522	26053
2021/10/11 14:36:27	Muskegon	Diagnostic	266417	1534961
2021/10/11 14:36:27	Muskegon	Total	270939	1561014
2021/10/11 14:36:27	Newaygo	Diagnostic	57991	1183973
2021/10/11 14:36:27	Newaygo	Serology	2094	42752
2021/10/11 14:36:27	Newaygo	Total	60085	1226725
2021/10/11 14:36:27	Oakland	Diagnostic	1850616	1471565
2021/10/11 14:36:27	Oakland	Serology	136553	108584
2021/10/11 14:36:27	Oakland	Total	1987169	1580148
2021/10/11 14:36:27	Oceana	Serology	1106	41788
2021/10/11 14:36:27	Oceana	Diagnostic	43982	1661767

2021/10/11 14:36:27	Oceana	Total	45088	1703555
2021/10/11 14:36:27	Ogemaw	Diagnostic	25071	1194028
2021/10/11 14:36:27	Ogemaw	Serology	684	32576
2021/10/11 14:36:27	Ogemaw	Total	25755	1226604
2021/10/11 14:36:27	Ontonagon	Diagnostic	9365	1637238
2021/10/11 14:36:27	Ontonagon	Serology	72	12587
2021/10/11 14:36:27	Ontonagon	Total	9437	1649825
2021/10/11 14:36:27	Osceola	Serology	1320	56266
2021/10/11 14:36:27	Osceola	Diagnostic	31961	1362361
2021/10/11 14:36:27	Osceola	Total	33281	1418627
2021/10/11 14:36:27	Oscoda	Diagnostic	7190	872467
2021/10/11 14:36:27	Oscoda	Serology	406	49266
2021/10/11 14:36:27	Oscoda	Total	7596	921733
2021/10/11 14:36:27	Otsego	Diagnostic	29963	1214651
2021/10/11 14:36:27	Otsego	Serology	1221	49497
2021/10/11 14:36:27	Otsego	Total	31184	1264148
2021/10/11 14:36:27	Ottawa	Diagnostic	471971	1617281
2021/10/11 14:36:27	Ottawa	Serology	17295	59264
2021/10/11 14:36:27	Ottawa	Total	489266	1676545
2021/10/11 14:36:27	Presque Isle	Serology	619	49158
2021/10/11 14:36:27	Presque Isle	Diagnostic	13606	1080527
2021/10/11 14:36:27	Presque Isle	Total	14225	1129686
2021/10/11 14:36:27	Roscommon	Diagnostic	26143	1088430
2021/10/11 14:36:27	Roscommon	Serology	836	34806
2021/10/11 14:36:27	Roscommon	Total	26979	1123236
2021/10/11 14:36:27	Saginaw	Diagnostic	307010	1611271
2021/10/11 14:36:27	Saginaw	Serology	10610	55684
2021/10/11 14:36:27	Saginaw	Total	317620	1666955
2021/10/11 14:36:27	Sanilac	Diagnostic	58495	1420816
2021/10/11 14:36:27	Sanilac	Serology	1818	44158
2021/10/11 14:36:27	Sanilac	Total	60313	1464974
2021/10/11 14:36:27	Schoolcraft	Diagnostic	6830	843835
2021/10/11 14:36:27	Schoolcraft	Serology	69	8525
2021/10/11 14:36:27	Schoolcraft	Total	6899	852360
2021/10/11 14:36:27	Shiawassee	Diagnostic	89683	1316506
2021/10/11 14:36:27	Shiawassee	Serology	3107	45609
2021/10/11 14:36:27	Shiawassee	Total	92790	1362115
2021/10/11 14:36:27	St Clair	Diagnostic	186062	1169260
2021/10/11 14:36:27	St Clair	Serology	10440	65608
2021/10/11 14:36:27	St Clair	Total	196502	1234868
2021/10/11 14:36:27	St Joseph	Diagnostic	71123	1166639
2021/10/11 14:36:27	St Joseph	Serology	1855	30428
2021/10/11 14:36:27	St Joseph	Total	72978	1197067
2021/10/11 14:36:27	Tuscola	Diagnostic	75815	1451144
2021/10/11 14:36:27	Tuscola	Serology	2631	50359
2021/10/11 14:36:27	Tuscola	Total	78446	1501503
2021/10/11 14:36:27	Unknown	Diagnostic	638504	
2021/10/11 14:36:27	Unknown	Serology	31563	
2021/10/11 14:36:27	Unknown	Total	670067	
2021/10/11 14:36:27	Van Buren	Serology	1943	25675

2021/10/11 14:36:27	Van Buren	Diagnostic	117064	1546890
2021/10/11 14:36:27	Van Buren	Total	119007	1572565
2021/10/11 14:36:27	Washtenaw	Diagnostic	934632	2542518
2021/10/11 14:36:27	Washtenaw	Serology	20123	54741
2021/10/11 14:36:27	Washtenaw	Total	954755	2597259
2021/10/11 14:36:27	Wayne	Serology	91404	82808
2021/10/11 14:36:27	Wayne	Diagnostic	1811582	1641205
2021/10/11 14:36:27	Wayne	Total	1902986	1724013
2021/10/11 14:36:27	Wexford	Diagnostic	39524	1175225
2021/10/11 14:36:27	Wexford	Serology	1428	42461
2021/10/11 14:36:27	Wexford	Total	40952	1217686

# PUBLIC USE DATASETS

## Diagnostic Tests by Result and County

### README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detention facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to de-duplicate testing data, some duplication may occur.

**DIAGNOSTIC TESTS BY RESULT AND COUNTY 2021-10-11**

MessageDate	COUNTY	Negative	Positive	Total
10/10/2021	Alcona	27	6	33
10/10/2021	Alger	4	1	5
10/10/2021	Allegan	164	47	211
10/10/2021	Alpena	61	13	74
10/10/2021	Antrim	40	16	56
10/10/2021	Arenac	62	19	81
10/10/2021	Baraga	4	0	4
10/10/2021	Barry	80	27	107
10/10/2021	Bay	219	60	279
10/10/2021	Benzie	24	6	30
10/10/2021	Berrien	207	30	237
10/10/2021	Branch	58	8	66
10/10/2021	Calhoun	247	43	290
10/10/2021	Cass	49	14	63
10/10/2021	Charlevoix	34	4	38
10/10/2021	Cheboygan	51	13	64
10/10/2021	Chippewa	60	5	65
10/10/2021	Clare	138	22	160
10/10/2021	Clinton	107	25	132
10/10/2021	Correctional	76	1	77
10/10/2021	Crawford	15	2	17
10/10/2021	Delta	52	13	65
10/10/2021	Detroit City	2511	116	2627
10/10/2021	Dickinson	42	3	45
10/10/2021	Eaton	220	39	259
10/10/2021	Emmet	77	8	85
10/10/2021	Genesee	652	127	779
10/10/2021	Gladwin	80	18	98
10/10/2021	Gogebic	60	13	73
10/10/2021	Grand Traverse	177	17	194
10/10/2021	Gratiot	122	32	154
10/10/2021	Hillsdale	100	30	130
10/10/2021	Houghton	45	13	58
10/10/2021	Huron	36	8	44
10/10/2021	Ingham	704	95	799
10/10/2021	Ionia	97	35	132
10/10/2021	Iosco	99	23	122
10/10/2021	Iron	22	2	24
10/10/2021	Isabella	141	40	181
10/10/2021	Jackson	355	89	444
10/10/2021	Kalamazoo	722	83	805
10/10/2021	Kalkaska	21	7	28
10/10/2021	Kent	1451	244	1695
10/10/2021	Keweenaw	3	1	4
10/10/2021	Lake	32	6	38
10/10/2021	Lapeer	129	27	156
10/10/2021	Leelanau	17	2	19

10/10/2021	Lenawee	209	37	246
10/10/2021	Livingston	618	98	716
10/10/2021	Luce	3	0	3
10/10/2021	Mackinac	11	2	13
10/10/2021	Macomb	2077	300	2377
10/10/2021	Manistee	38	4	42
10/10/2021	Marquette	93	14	107
10/10/2021	Mason	81	16	97
10/10/2021	Mecosta	87	37	124
10/10/2021	Menominee	68	5	73
10/10/2021	Midland	182	46	228
10/10/2021	Missaukee	12	4	16
10/10/2021	Monroe	361	60	421
10/10/2021	Montcalm	154	38	192
10/10/2021	Montmorency	13	3	16
10/10/2021	Muskegon	428	39	467
10/10/2021	Newaygo	69	21	90
10/10/2021	Oakland	3304	345	3649
10/10/2021	Oceana	53	9	62
10/10/2021	Ogemaw	46	23	69
10/10/2021	Ontonagon	6	0	6
10/10/2021	Osceola	50	21	71
10/10/2021	Oscoda	14	3	17
10/10/2021	Otsego	86	24	110
10/10/2021	Ottawa	600	96	696
10/10/2021	Presque Isle	15	2	17
10/10/2021	Roscommon	48	11	59
10/10/2021	Saginaw	305	57	362
10/10/2021	Sanilac	69	7	76
10/10/2021	Schoolcraft	2	0	2
10/10/2021	Shiawassee	80	17	97
10/10/2021	St Clair	317	44	361
10/10/2021	St Joseph	113	26	139
10/10/2021	Tuscola	116	18	134
10/10/2021	Unknown	534	66	600
10/10/2021	Van Buren	147	30	177
10/10/2021	Washtenaw	1746	149	1895
10/10/2021	Wayne	2987	321	3308
10/10/2021	Wexford	46	5	51
10/9/2021	Alcona	28	8	36
10/9/2021	Alger	8	3	11
10/9/2021	Allegan	285	64	349
10/9/2021	Alpena	73	17	90
10/9/2021	Antrim	58	10	68
10/9/2021	Arenac	78	21	99
10/9/2021	Baraga	7	0	7
10/9/2021	Barry	119	28	147
10/9/2021	Bay	330	68	398
10/9/2021	Benzie	31	13	44
10/9/2021	Berrien	479	71	550

10/9/2021	Branch	112	23	135
10/9/2021	Calhoun	436	76	512
10/9/2021	Cass	89	25	114
10/9/2021	Charlevoix	83	15	98
10/9/2021	Cheboygan	65	25	90
10/9/2021	Chippewa	72	7	79
10/9/2021	Clare	121	32	153
10/9/2021	Clinton	145	31	176
10/9/2021	Correctional	127	3	130
10/9/2021	Crawford	27	7	34
10/9/2021	Delta	112	23	135
10/9/2021	Detroit City	5867	210	6077
10/9/2021	Dickinson	46	9	55
10/9/2021	Eaton	391	69	460
10/9/2021	Emmet	172	27	199
10/9/2021	Genesee	1180	194	1374
10/9/2021	Gladwin	106	15	121
10/9/2021	Gogebic	68	14	82
10/9/2021	Grand Traverse	301	40	341
10/9/2021	Gratiot	113	24	137
10/9/2021	Hillsdale	126	44	170
10/9/2021	Houghton	109	17	126
10/9/2021	Huron	65	8	73
10/9/2021	Ingham	1037	122	1159
10/9/2021	Ionia	219	45	264
10/9/2021	Iosco	93	31	124
10/9/2021	Iron	23	4	27
10/9/2021	Isabella	266	49	315
10/9/2021	Jackson	400	71	471
10/9/2021	Kalamazoo	924	82	1006
10/9/2021	Kalkaska	60	14	74
10/9/2021	Kent	2385	435	2820
10/9/2021	Lake	24	6	30
10/9/2021	Lapeer	211	43	254
10/9/2021	Leelanau	39	3	42
10/9/2021	Lenawee	381	74	455
10/9/2021	Livingston	598	92	690
10/9/2021	Luce	2	1	3
10/9/2021	Mackinac	17	1	18
10/9/2021	Macomb	3514	474	3988
10/9/2021	Manistee	61	9	70
10/9/2021	Marquette	190	36	226
10/9/2021	Mason	83	22	105
10/9/2021	Mecosta	109	22	131
10/9/2021	Menominee	106	13	119
10/9/2021	Midland	253	53	306
10/9/2021	Missaukee	33	7	40
10/9/2021	Monroe	352	73	425
10/9/2021	Montcalm	209	55	264
10/9/2021	Montmorency	36	11	47

10/9/2021	Muskegon	695	107	802
10/9/2021	Newaygo	138	40	178
10/9/2021	Oakland	5003	383	5386
10/9/2021	Oceana	99	19	118
10/9/2021	Ogemaw	53	20	73
10/9/2021	Ontonagon	32	0	32
10/9/2021	Osceola	102	27	129
10/9/2021	Oscoda	18	3	21
10/9/2021	Otsego	82	22	104
10/9/2021	Ottawa	960	145	1105
10/9/2021	Presque Isle	22	5	27
10/9/2021	Roscommon	79	13	92
10/9/2021	Saginaw	538	113	651
10/9/2021	Sanilac	83	23	106
10/9/2021	Schoolcraft	2	0	2
10/9/2021	Shiawassee	251	38	289
10/9/2021	St Clair	438	49	487
10/9/2021	St Joseph	129	27	156
10/9/2021	Tuscola	138	47	185
10/9/2021	Unknown	1016	112	1128
10/9/2021	Van Buren	283	36	319
10/9/2021	Washtenaw	2898	104	3002
10/9/2021	Wayne	4966	442	5408
10/9/2021	Wexford	117	15	132
10/8/2021	Alcona	26	3	29
10/8/2021	Alger	4	3	7
10/8/2021	Allegan	283	55	338
10/8/2021	Alpena	106	12	118
10/8/2021	Antrim	55	22	77
10/8/2021	Arenac	68	14	82
10/8/2021	Baraga	6	1	7
10/8/2021	Barry	110	28	138
10/8/2021	Bay	296	66	362
10/8/2021	Benzie	30	4	34
10/8/2021	Berrien	387	47	434
10/8/2021	Branch	97	20	117
10/8/2021	Calhoun	560	53	613
10/8/2021	Cass	68	20	88
10/8/2021	Charlevoix	57	9	66
10/8/2021	Cheboygan	69	17	86
10/8/2021	Chippewa	89	8	97
10/8/2021	Clare	105	34	139
10/8/2021	Clinton	137	29	166
10/8/2021	Correctional	109	3	112
10/8/2021	Crawford	15	2	17
10/8/2021	Delta	107	24	131
10/8/2021	Detroit City	4310	169	4479
10/8/2021	Dickinson	126	12	138
10/8/2021	Eaton	339	53	392
10/8/2021	Emmet	65	10	75



10/8/2021	Genesee	1138	172	1310
10/8/2021	Gladwin	109	20	129
10/8/2021	Gogebic	68	8	76
10/8/2021	Grand Traverse	251	39	290
10/8/2021	Gratiot	156	27	183
10/8/2021	Hillsdale	115	45	160
10/8/2021	Houghton	119	17	136
10/8/2021	Huron	42	3	45
10/8/2021	Ingham	782	106	888
10/8/2021	Ionia	232	45	277
10/8/2021	Iosco	73	39	112
10/8/2021	Iron	37	9	46
10/8/2021	Isabella	247	40	287
10/8/2021	Jackson	516	68	584
10/8/2021	Kalamazoo	908	60	968
10/8/2021	Kalkaska	44	15	59
10/8/2021	Kent	2198	389	2587
10/8/2021	Keweenaw	8	1	9
10/8/2021	Lake	18	5	23
10/8/2021	Lapeer	177	40	217
10/8/2021	Leelanau	32	0	32
10/8/2021	Lenawee	228	72	300
10/8/2021	Livingston	437	117	554
10/8/2021	Luce	2	3	5
10/8/2021	Mackinac	39	13	52
10/8/2021	Macomb	3004	373	3377
10/8/2021	Manistee	49	6	55
10/8/2021	Marquette	153	38	191
10/8/2021	Mason	70	22	92
10/8/2021	Mecosta	117	37	154
10/8/2021	Menominee	57	13	70
10/8/2021	Midland	292	36	328
10/8/2021	Missaukee	30	4	34
10/8/2021	Monroe	313	64	377
10/8/2021	Montcalm	194	45	239
10/8/2021	Montmorency	45	6	51
10/8/2021	Muskegon	510	81	591
10/8/2021	Newaygo	121	35	156
10/8/2021	Oakland	4880	415	5295
10/8/2021	Oceana	91	16	107
10/8/2021	Ogemaw	91	20	111
10/8/2021	Ontonagon	10	2	12
10/8/2021	Osceola	90	46	136
10/8/2021	Oscoda	13	8	21
10/8/2021	Otsego	83	20	103
10/8/2021	Ottawa	919	155	1074
10/8/2021	Presque Isle	25	0	25
10/8/2021	Roscommon	62	12	74
10/8/2021	Saginaw	556	107	663
10/8/2021	Sanilac	70	17	87

10/8/2021	Schoolcraft	5	2	7
10/8/2021	Shiawassee	210	39	249
10/8/2021	St Clair	548	77	625
10/8/2021	St Joseph	117	37	154
10/8/2021	Tuscola	113	31	144
10/8/2021	Unknown	765	87	852
10/8/2021	Van Buren	227	33	260
10/8/2021	Washtenaw	1998	94	2092
10/8/2021	Wayne	3852	332	4184
10/8/2021	Wexford	129	15	144